

PROFILE

Personal Details

Name : - NINAD RAMBHAU JAWADE



Postal Address :- Department of Chemical Engineering, Government Polytechnic
Jalna, Ch Sambhajinagar Road, Nagewadi, Jalna- 431213
(M.S.) Ph:- 9420057850, 7020234656

Permanent Address :- 6, Parijat Colony, Badnera Rd, P.O. Badnera Rly,
Amravati 444601(M.S.) Ph: - 0721- 2510077

Languages Known :- Marathi, Hindi, English
(Read, Write, Speak)

Email Address :- nrjawade@gmail.com

Educational Qualification :-

Examination	University	Year of passing
Ph.D.	Dr. B.A.Tech. University, Lonere	2016
M.Tech. (Chem. Engg.)	Nagpur University, Nagpur	1996
B.Tech. (Chem.Tech.)	Amaravati University, Amaravati	1993

Ph.D. Title: *Modeling and Experimental Investigation of Rheology, Microwave Drying of Aloe Gel and Diffusion Kinetics of Aloin from Aloe Vera Plant*

Consultancy: Involved in consultancy of 'Galaxy Surfactants, Mumbai'. Developed method for estimation of molecular weight of polymer samples using GPC worth Rs. 150,000/- during year 2009-10.

Hands on experience: Experience on highly sophisticated analytical instruments like gel permeation chromatography(GPC), high performance liquid chromatography(HPLC), high performance thin layer chromatography(HPTLC), gas chromatography(GC), Fourier transform Infrared spectroscopy(FTIR), UV – visible spectroscopy, thermo gravimetric analysis(TGA), Brookfield viscometer & HAAKE Rheostress.

Academic Achievement:-

- High school Scholarship (1981-84), National Merit Scholarship (1984-87), KEMS PG Scholarship (94-96)
- GATE Validity:- 81.19

Teaching Experience: - Total teaching experience up to 31/1/2024: 25 years

S.	Organization	Post	Period	Total
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N.				Years
1	Govt. Polytechnic, Jalna, Directorate of Tech. Education, Mumbai	Head of the Department & In charge Principal	Since 09/06/2023 onwards	0.5
01	Govt. Polytechnic, Arvi, Dist – Wardha, Directorate of Tech. Education, Mumbai	Head of the Department	03/07/2015 to 08/06/2023	8
02	Dr. B. A. T. U.' Institute of Petrochemical Engineering ,Lonere	Lecturer in Chemical Engg.	21/01/1999 to 02/07/2015	16.5

Main Responsibilities Handled/handling:-

At the level of Principal

- Holding power of Drawing and Disbursement Officer
- Overall academic and administrative management of the institute
- Advising & facilitating the required resources for institute operations
- Development and implementation of strategic plan for short term and long term development of the institute and sustainable quality improvement.
- To lead the accreditation activities of institute for various quality standards
- Plan & facilitate guidance & counselling and other students services at institute level
- Maintaining support services, academic facilities
- To facilitate, plan & organize faculty and supporting staff development programs
- Promoting interactions with all stake-holders {Industries, MSBTE, DTE, RO, RBTE, AICTE/ NITTTRs etc.}, facilitating students placements and students development programs
- Provide motivation & guidance to faculty and other staff in the institute
- Participate, motivate, guide and facilitate professional development through continuing education, training, testing, consultancy and industry sponsored projects, entrepreneurship development, research.
- To act as a chief officer in charge for examinations, RAC, DC
- To facilitate industry interaction
- To plan and implement the activities to take care of hygiene, safety and housekeeping in institute
- To take teaching load prescribed as per the norms issued time to time by state government.
- To evaluate the performance of the faculty and supporting staff Create, maintain and motivate cordial relations and team spirit in the institute & provide impartial & equal opportunities for contribution to faculty and staff.
- To Implement Right to information (RTI) in the institute
- To plan and implement the activities to take care of hygiene, safety and housekeeping in institute
- To uplift institution's image in the society

At the level of Head of the Department

- Worked as Vice President , Gymkhana during 2015-17
- Organized Blood donation camp for Government medical hospitals for year 2015 and 2016.
- Organized Sanskrutik melava, IDESSA sports activities, Swachhata Abhiyan etc.
- Worked as Chairman of EAMC for various polytechnics

- Organized state level technical paper presentation for other group on 29 September, 2016 at Government Polytechnic, Arvi
- Worked/working as member on various committees for MSBTE and DTE.
- Worked as academic expert for MSBTE Chemical Engineering curriculum.
- Worked as Chief Coordinator of NBA during 2016-2023
- Developed a smart laboratory worth of Rs 10 L by DPDC grant.

At the level of Lecturer:

- Successfully completed MODROB projects of the department viz. Analytical Instruments for water testing worth of Rs. 9 Lacs (2003-05) and 'Modernization of facilities in Environmental Engineering Laboratory' worth of Rs. 12 Lacs (2013- 15).
- Founded "Students Association of Chemical Engineering" (SACHE) and held responsibility as Faculty Advisor during 2006-2013 to conduct various technical, cultural and social activities.
- Worked as Coordinator of one year full time Advanced Diploma in Water Quality Management (ADWQM) an Institute-Industry collaborative course during 2008-11.
- Worked as Coordinator of institute – industry participation refresher course "Elements of Chemical Engineering" for SANDOZ, Mahad employees during January -August- 2011.
- Started celebration of World Water Day on 22 March every year since 2010.
- Worked as Assistant Rector of Girl's hostel "Alaknanda" during 2005-2007 and member secretary of Rector Council for the year 2006-07.
- Successfully organized Silver Jubilee function of the department held during December 25-27, 2007 by rising fund around Rs. 125,000/- from sponsorship of process industries.
- Active participation in accreditation work, convocation, Maharashtra-Goa ISTE Convention 2001 assists in ISTE-STTP programme& gathering activities etc.
- Attended various training programs of total 36 weeks

Paper presentation: 2 in international journals, 2 in international conference, 4 in national conferences

Journals: 1. Using nanofiltration and ultrafiltration for the concentration of Amla (*Phyllanthus Emblica*) Juice, Dawale Sachin A, Jawade Ninad R, International Journal of Nanoscience and Nanotechnology, ISSN 0974-3081 Volume 5 (1), pp. 59-65, 2014.

2. *Ultrasonic assisted extraction of aloin from Aloe vera gel*, Ninad R. Jawade, Abhijit R. Chavan, Procedia Engineering, ISSN 1178-7058, Elsevier, Vol 51, pp 487-493, 2013

Conference: 1. *Ultrasonic assisted extraction of aloin from Aloe vera gel*, Ninad R. Jawade, Abhijit R. Chavan, 3rd Nirma University international conference on engineering (NUiCONE – 2012) at Nirma University, Ahmedabad, and 6-8 December 2012

2. *Study of drying kinetics of Aloe vera gel in microwave oven*, Ninad R. Jawade, Abhijit R. Chavan, Sujay Chattopadhyay, 65th Indian Chemical Engineering Congress (CHEMCON), DBANIT, Jalandhar, 27-30 December 2012

3. *Optimization of batch extraction parameters for aloin from Aloe vera gel*, Ninad R. Jawade, Abhijit R. Chavan, 2nd Nirma University international conference on engineering (NUiCONE – 2011) at Nirma University, Ahmedabad, 8-10 December 2011

4. *Study of rheological behavior of Aloe vera gel using creep- recovery test*, Ninad R. Jawade, Sujay Chattopadhyay, 61st Indian Chemical Engineering Congress (CHEMCON), Punjab University, Chandigarh, 27-30 December, 2008

5. *Rheological behavior of Aloe vera gel*, Ninad R. Jawade, Sujay Chattopadhyay, Young researcher's conference by ICT, Mumbai- DBATU, Lonere, at DBATU, Lonere, 29-31 March 2007

6. *Scientific approach on polarization effects & application of cathodic protection*, Ninad R. Jawade & S Satpathy, Central Electrochemical Research Institute, Karaikudi (TN) in 1993.

Industrial Experience:-

S.N.	Organization	Post	Period
01	Bhansali Engineering Polymers Ltd; Satnoor (M.P.)	Sr. Engineer (Process)	September 1994 –January 1999 4 Years

Worked as Sr. Engineer (Process) in production department during 21/09/1994 to 08/01/1999.

Industrial Achievements:-

First prize winner in safety training for middle level management by Industrial Health & Safety, Govt. of Madhya Pradesh (1995).

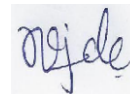
Membership: -

- Life member of Indian Society of Technical Education, New Delhi (**LMISTE**)
- Life member of Indian Institute of Chemical Engineers, Kolkata (**LMIChE**)

I hereby declare that above information is correct and true to the best of my knowledge & belief.

Place:- GP, Arvi

Date: 31/01/2024



(N.R. Jawade)